

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					ATTY. DOCKET NO. LIT-PI-420	S/708785 SERIAL NO. Filed Herewith	
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					FILING DATE 11/18/2000	GROUP Unknown 17-SJ	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>SHV</i>	AA	3906927	09/23/75	Caplan	126	270	
<i>SHV</i>	AB	4883340	11/28/89	Dominguez	350	260	
<i>SHV</i>	AC	5650051	07/22/97	Wada et al	204	157.52	
<i>SHV</i>	AD	5999323	12/07/99	Wood	359	591	
<i>SHV</i>	AE	6037535	03/14/00	Yoshino	136	246	
	AF						
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes
	AL						No
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	AO						
	AP						
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<i>SHV</i>	AR		Jackson, N.B., et al., "Attachment of TiO ₂ Powders to Hollow Gas Microbeads: Activity of the TiO ₂ -Coated Beads in the Photoassisted Oxidation of Ethanol to Acetaldehyde," <u>Journal of the Electrochemical Society</u> , Vol.138, No.12, 12/91, pp. 3660-3664.				
<i>SHV</i>			Tseng, J., et al., "Photocatalytic Oxidation Process for the Treatment of Organic Wastes," <u>Chemical Oxidation</u> , Proceedings of the First International Symposium Chemical Oxidation: Technology for the Nineties, February 20-22, 1991, pp. 262-277.				
<i>SHV</i>	AS		Rosenberg, I., et al., "Collection Optics of TiO ₂ Photocatalyst on Hollow Glass Microbeads Floating on Oil Slicks," <u>Journal of Physical Chemistry</u> , Vol.96, No.8, 1992, pp. 3423-3428.				
<i>SHV</i>			Matthews, R. W., "Purification of Water with Near-U.V. Illuminated Suspensions of Titanium Dioxide," <u>Wat. Res.</u> , Vol.24, No.5, pp. 653-660, 1990.				
<i>SHV</i>	AT		Venkatakrishnan, R., et al., "Chemical Oxidation Technologies: Ultraviolet Light/Hydrogen Peroxide, Fenton's Reagent, and Titanium Dioxide-Assisted Photocatalysis," <u>Hazardous Waste & Hazardous Materials</u> , Vol. 10, No. 2, pp. 107-149, 1993.				
<i>SHV</i>			Hsiao, C.Y., et al., "Heterogeneous Photocatalysis: Degradation of Dilute Solutions of Dichloromethane (CH ₂ Cl ₂), Chloroform (CHCl ₃), and Carbon Tetrachloride (CCl ₄) with Illuminated TiO ₂ Photocatalyst," <u>Journal of Catalysis</u> , 82, pp.418-423, 1983.				
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>April 6, 2004</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
LIT-PI-420SERIAL NO.
09/708,963
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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SHV	AR	Prairie, M. R., et al., "Evaluation of the Treatment of Metal-Edta Complexes using TiO _x Photocatalysis," <u>Solar Engineering</u> , pp. 71-78, 1996
SHV		Koval, C., et al., "Solar Hydrogen Production"
SHV	AS	"Titanium dioxide photocatalysis: Treatment hype or hope?" <u>Environmental Science & Technology/News</u> , Vol.30., No.7, p.284A, 1996
SHV		Serpone, N., et al., "AM1 Simulated Sunlight Photoreduction and Elimination of Hg(II) and CH ₃ Hg(II) Chloride Salts from Aqueous Suspensions of Titanium Dioxide," <u>Solar Energy</u> , Vol. 39, No.6, pp. 491-498, 1987
SHV	AT	Prairie, M. R., et al., "An Investigation of TiO _x Photocatalysis for the Treatment of Water Contaminated with Metals and Organic Chemicals," <u>Environmental Science Technology</u> , Vol.27, No.9, pp. 1776-1782 , 1993
SHV		Imadujemu, H.E., "Literature Survey of Concentrating Solar Collectors," <u>The American Society of Mechanical Engineers</u> , pp. 719-730 1995

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